

ROBERT E. BUSHNELL*†

JOSEPH G. SEEBER*
MATTHEW J. LESTINA†*
SARYADVINDER S. SAHOTA†*
JONG H. PARK†
FRANK J. DYNDAL**

OF COUNSEL

RICHARD H. STERN*
HENRY M. ZYKORIE

MICHAEL D. PARKER
(REG. PATENT AGENT)

† ADMITTED IN MARYLAND
* ADMITTED IN VIRGINIA
‡ ADMITTED IN NEW YORK
□ ADMITTED IN CONNECTICUT
* ADMITTED IN NEW JERSEY
* NOT ADMITTED IN D.C.

R. E. BUSHNELL

ATTORNEY AT LAW

1522 K STREET, N.W., SUITE 300
WASHINGTON, D.C. 20005-1202
UNITED STATES OF AMERICA

4 March 2004

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040
FACSIMILE (202) 289-7100
FACSIMILE (202) 628-3835
FACSIMILE (410) 747-0022
E-MAIL: REBUSHNELL@AOL.COM

- ☐ U.S. Postal Service
☐ Via Local Courier
☐ Via International Courier
☐ Via Facsimile No. _____
☐ Via E-Mail Attachment
☐ Please Acknowledge Receipt

Mail Stop : Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Attorney Docket: P57016

Submitted herewith is the following patent application:

Inventor: 1) SU-JIN HAN 2) CHANG-SEOB KIM
 3) YOON-TAI KWAK 4) SOO-YOUN MAENG
 5) JU-HYUNG KIM

Title: SECONDARY BATTERY

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Assignment, Information Disclosure Statement and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**
Drawings: Formal drawings, 7 sheets, Figures 1 through 10
Claim of priority under 35 U.S.C. §119: **YES**

** The Republic of Korean Application No. 2003-32251 filed on 21 May 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45374 & #45375)

| | |
|--|--------------------------|
| Basic Fee \$385/770 | \$770.00 |
| Additional Fees: | |
| Total number of claims in excess of 20: <u>17</u> times \$9/18 | \$306.00 |
| Number of independent claims in excess of 3: <u> </u> times \$43/86 | \$0.00 |
| Multiple Dependent Claims \$145/290 | \$0.00 |
| An Assignment is likewise enclosed: Recording Fee \$40 | \$40.00 |
| Filing Non-English specification | \$0.00 |
| <u>TOTAL FEES FOR THE ABOVE APPLICATION</u> | <u>\$1,116.00</u> |

Inventor: 1) SU-JIN HAN 2) CHANG-SEOB KIM
 3) YOON-TAI KWAK 4) SOO-YOUN MAENG
 5) JU-HYUNG KIM

Title: **SECONDARY BATTERY**

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Telephone: (202) 408-9040
Telefacsimile: (202) 289-7100

REB/rfc

030404

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

| | |
|----------------------|----------------|
| Application Number | to be assigned |
| Filing Date | 4 March 2004 |
| First Named Inventor | SU-JIN HAN |
| Examiner Name | to be assigned |
| Group/Art Unit | to be assigned |

TOTAL AMOUNT OF PAYMENT (\$)**1,116.00**

Attorney Docket No. P57016

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

3. ADDITIONAL FEES

Deposit Account Number: **02-4943**
Deposit Account Number:

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge-late filing fee or oath | \$ |
| 1052 | 50 | 2052 | 25 | Surcharge-late provisional filing fee or cover sheet | \$ |
| 1053 | 130 | 1053 | 130 | Non-English specification | \$ |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | \$ |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | \$ |
| 1805 | 1,840 * | 1805 | 1,840* | Requesting publication of SIR after Examiner action | \$ |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | \$ |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | \$ |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | \$ |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | \$ |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | \$ |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | \$ |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | \$ |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | \$ |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | \$ |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | \$ |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | \$ |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | \$ |
| 1502 | 480 | 2502 | 240 | Design issue fee | \$ |
| 1503 | 640 | 2503 | 320 | Plant issue fee | \$ |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | \$ |
| 1807 | 50 | 1807 | 50 | Processing fee for provisional applications | \$ |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | \$ |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (Times number of properties) | \$ 40.00 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 C.F.R. §1.129(a)) | \$ |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 C.F.R. §1.129(b)) | \$ |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | \$ |
| Other Fee (specify) _____ | | | | | \$ |
| Other Fee (specify) _____ | | | | | \$ |

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed: (CHECK #45374 & #45375)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|------------------------|--------------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | \$ 770.00 |
| 1002 | 340 | 2002 | 170 | Design filing fee | \$ |
| 1003 | 530 | 2003 | 265 | Plant filing fee | \$ |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | \$ |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | \$ |
| SUBTOTAL (1) | | | | | (\$)<u>770.00</u> |

2. EXTRA CLAIM FEES

| | | | Extra Claims | | Fee from below | | Fee Paid |
|--------------------|----|---------|--------------|---|----------------|---|----------|
| Total claims | 37 | -20** = | 17 | x | 18.00 | = | 306.00 |
| Independent Claims | 3 | -3** = | 0 | x | 86.00 | = | 0.00 |

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

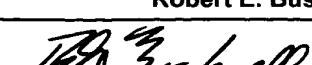
SUBTOTAL (2) (\$)**306.00**

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ **40.00**

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-----------------------|---|------|--------------|-------------------------|--|
| Typed or Printed Name | Robert E. Bushnell, Esq. | | Reg. Number | 27,774 | |
| Signature |  | Date | 4 March 2004 | Deposit Account User ID | |

REB/rfc

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SU-JIN HAN et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 4 March 2004

Art Unit: *to be assigned*

For: SECONDARY BATTERY

TRANSMITTAL OF DECLARATION

Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.
Washington, D.C. 20005
(202) 408-9040

Folio: P57016
Date: 4 March 2004
I.D.: REB/rfc